

What Is Claimed Is:

1. A piezoelectric component comprising:
a ceramic actuator having a coating made of a heat conductive elastomer, which includes a filler manufactured based on at least one of aluminum dioxide, titanium dioxide, boron nitrite, aluminum nitride, silicon carbide and silicon dioxide.
2. The piezoelectric component according to Claim 1, wherein the filler is manufactured based on silicon dioxide.
3. The piezoelectric component according to Claim 1, wherein the filler has a grain size of between 0.1 μm and 100 μm .
4. The piezoelectric component according to Claim 3, wherein the grain size is between 1 μm and 15 μm .
5. The piezoelectric component according to Claim 1, wherein a proportion of the filler in the elastomer amounts to between 20 weight% and 79 weight%.
6. The piezoelectric component according to Claim 5, wherein the proportion amounts to between 50 weight% and 60 weight%.
7. The piezoelectric component according to Claim 1, wherein the elastomer includes a bonding agent.
8. The piezoelectric component according to Claim 1, wherein the coating has a thickness of less than 200 μm .